

PDR RID Report

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Document Release A DAAC LANs

RID ID	PDR	450
Review	SDPS	
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Priority	2	

Section Migration Strategy

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Figure Table NA

Category Name DAAC Ops

Actionee HAIS

Sub Category

Subject Effective Performance of HIPPI

Description of Problem or Suggestion:

Packet size in TCP/IP protocol is too small . so HIPPI maybe cannot reach to effective performance(bandwidth)

Originator's Recommendation

must change packet size

GSFC Response by:

GSFC Response Date

HAIS Response by: Eisenstein

HAIS Schedule

HAIS R. E. Jalleta

HAIS Response Date 5/22/95

Our migration strategy would use HiPPI in "raw" mode (i.e., we would not operate the IP stack on it) to interconnect processors and storage devices to meet the high bandwidth needs between the data server and processing subsystems. Note that on the presentation charts the processors are shown to have two interfaces (FDDI and HiPPI) and TCP/IP traffic is on the FDDI side. Note, also, that other technologies such as ATM are being closely monitored for potential use in place of HiPPI.

Status Closed

Date Closed 6/20/95

Sponsor desJardins

Attachment if any
